

Title (en)
IMMUNOSTIMULATORY SINGLE-STRANDED RIBONUCLEIC ACID WITH PHOSPHODIESTER BACKBONE

Title (de)
IMMUNSTIMULATORISCHE EINZELSTRÄNGIGE RIBONUKLEINSÄURE MIT PHOSPHODIESTERRÜCKGRAT

Title (fr)
ACIDE RIBONUCLÉIQUE SIMPLE BRIN IMMUNOSTIMULATEUR A SQUELETTE PHOSPHODIESTER

Publication
EP 1945766 A2 20080723 (EN)

Application
EP 06849510 A 20060915

Priority
• IB 2006004169 W 20060915
• US 71808705 P 20050916

Abstract (en)
[origin: WO2007088423A2] Immunostimulatory single-stranded oligoribonucleotides (ssORN) with phosphodiester backbones induce TLR7-independent and MyD88-dependent immune activation. These immunostimulatory ssORN are useful to induce a Th1-like immune response in a subject, to induce an antigen-specific immune response in a subject, and to treat a subject having a cancer, an infectious disease, an allergic condition, or asthma.

IPC 8 full level
C12N 15/113 (2010.01); **C12N 15/115** (2010.01); **C12N 15/117** (2010.01)

CPC (source: EP KR US)
A61K 38/00 (2013.01 - KR); **A61K 39/39** (2013.01 - EP US); **A61K 48/00** (2013.01 - KR); **A61P 11/06** (2017.12 - EP); **A61P 31/00** (2017.12 - EP); **A61P 35/00** (2017.12 - EP); **A61P 37/04** (2017.12 - EP); **C12N 15/1138** (2013.01 - EP US); **C12N 15/115** (2013.01 - EP US); **C12N 15/117** (2013.01 - EP US); **A61K 2039/55561** (2013.01 - EP US); **C12N 2310/17** (2013.01 - EP US); **C12N 2310/315** (2013.01 - EP US)

Citation (search report)
See references of WO 2007088423A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2007088423 A2 20070809; WO 2007088423 A3 20080605; AU 2006337419 A1 20070809; BR PI0616235 A2 20110614; CA 2622679 A1 20070809; CN 101310019 A 20081119; EA 013468 B1 20100430; EA 200800837 A1 20080829; EP 1945766 A2 20080723; IL 190153 A0 20081103; JP 2010503608 A 20100204; KR 20080048067 A 20080530; US 2009214578 A1 20090827; ZA 200803092 B 20090325

DOCDB simple family (application)
IB 2006004169 W 20060915; AU 2006337419 A 20060915; BR PI0616235 A 20060915; CA 2622679 A 20060915; CN 200680042967 A 20060915; EA 200800837 A 20060915; EP 06849510 A 20060915; IL 19015308 A 20080313; JP 2008530665 A 20060915; KR 20087008949 A 20080415; US 99208006 A 20060915; ZA 200803092 A 20080408